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Amendments to the Specification

Please amend the paragraphs at page 4, lines 5-14, in the following manner:

~~Disclosure of the Invention~~

~~Problems to be Solved by the Invention~~

Regarding the third condition (3), in the known three-dimensional contrast-enhanced MRA, because since the gradient echo sequence with short TR is used, an optimum flip angle has to be set depending on the concentration of the contrast agent in the vascular lumen. Usually, the optimum flip angle is set to the Ernst's angle at the estimated concentration of the contrast agent, which corresponds to the time when the concentration of the contrast agent is peaked.

Please amend the paragraphs at page 5, line 25 through page 6, line 8, in the following manner:

SUMMARY

~~The present invention has been made with the view of solving the problems mentioned above, and its object is to provide~~ This disclosure provides an MRI system and a contrast-enhanced angiography, which can ~~always~~ take an image under optimum conditions while following ~~[[to]]~~ the concentration of a contrast agent injected into an object to be examined and changed at every moment with time, thereby obtaining a blood vessel image with higher quality.

~~Means for Solving the Problems~~

~~To solve the problems mentioned above, the present invention is constituted as follows~~ This disclosure provides various aspects, including (but not limited to) the following.

Please amend the paragraphs at page 11, line 22 through page 12, line 12, in the following manner:

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~~Advantages of the Invention~~

~~According to the present invention,~~ It will be apparent from reading this disclosure a contrast-enhanced angiography ~~[[is]]~~ can be realized which can always take an image under optimum conditions following the concentration of the contrast agent injected into the object and changed at every moment with time, thereby obtaining a blood vessel image with higher quality.

Also, ~~the present invention is able to provide~~ an MRI system can be provided for carrying out the contrast-enhanced angiography.

Further, ~~according to the present invention,~~ in the contrast-enhanced angiography using the contrast agent, i.e., in the three-dimensional contrast-enhanced MRA, it is possible, by applying the subject matter of this disclosure, to perform the measurement while optimizing image-taking conditions following the concentration of the contrast agent changed at every moment with time in the vascular lumen, in particular, while optimizing the flip angle and the repetition time TR, thereby obtaining high signals from the vascular lumen all over the measurement window.